

*Sub E
Claim 1*

insulation system in contact with the conductor including an inner semiconducting layer surrounding and being in electrical contact with the conductor; a solid insulation layer surrounding and being in intimate contact with the inner layer and an outer semiconductor layer surrounding and being in intimate contact with the insulation layer, each layer forming an equipotential surface around the conductor.

*Sub E
C 2*

Claim 29. (Twice Amended) A plant for high voltage electric Including a motor including at least one winding, wherein said winding comprises a cable including at least one current-carrying conductor and a magnetically permeable, electric field confining cover surrounding the conductor including an inner layer of semiconducting material surrounding and being in electrical contact with the conductor, a solid insulating layer surrounding and being in intimate contact with the inner layer, and an outer semiconducting layer surrounding and being in intimate contact with the insulation layer, the conductor including at least one of a plurality of insulated conductive elements and at least one uninsulated conductive element in contact with the cover, said cable forming at least one uninterrupted turn in the corresponding winding of said machine.

*Sub E
C 3*

43. (Amended) An electric plant for high voltage including at least one motors comprising at least one winding in the form of at least one uninterrupted turn, [wherein] the winding including an electrical conductor, a magnetically permeable electric field

*Sub
E3
canceled*

confining insulating covering in contact with the conductor including an inner semiconducting layer surrounding and being in electrical contact with the conductor; a solid insulation surrounding and being in intimate contact with the inner layer and an outermost semiconducting layer surrounding and being in intimate contact with the insulation layer, each semiconducting layer forming an equipotential surface around the conductor.

C3

44. (Amended) An electric plant for high voltage including at least one motor comprising at least one winding, including an electrical conductor forming at least one complete turn of the winding, an electric field confining insulating covering surrounding the conductor including an inner semiconducting layer in electrical contact with the conductor; a solid insulation surrounding and being in intimate contact with the inner layer, and an outermost semiconducting layer surrounding and being in intimate contact with the insulation layer, each semiconducting layer forming an equipotential surface around the conductor.--

REMARKS

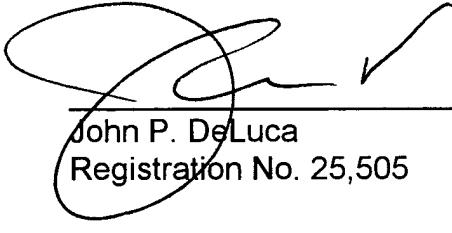
This amendment is in response to the Office Action of May 17, 2000 wherein the Examiner rejected the claims under 35 U.S.C. 103(a) as allegedly unpatentable over various references.

It is believed that the foregoing amendments place the claims in condition for

allowance.

In view of the foregoing, it is respectfully requested that the Examiner reconsider his rejection of the claims, the allowance of which is earnestly solicited.

Respectfully submitted,



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